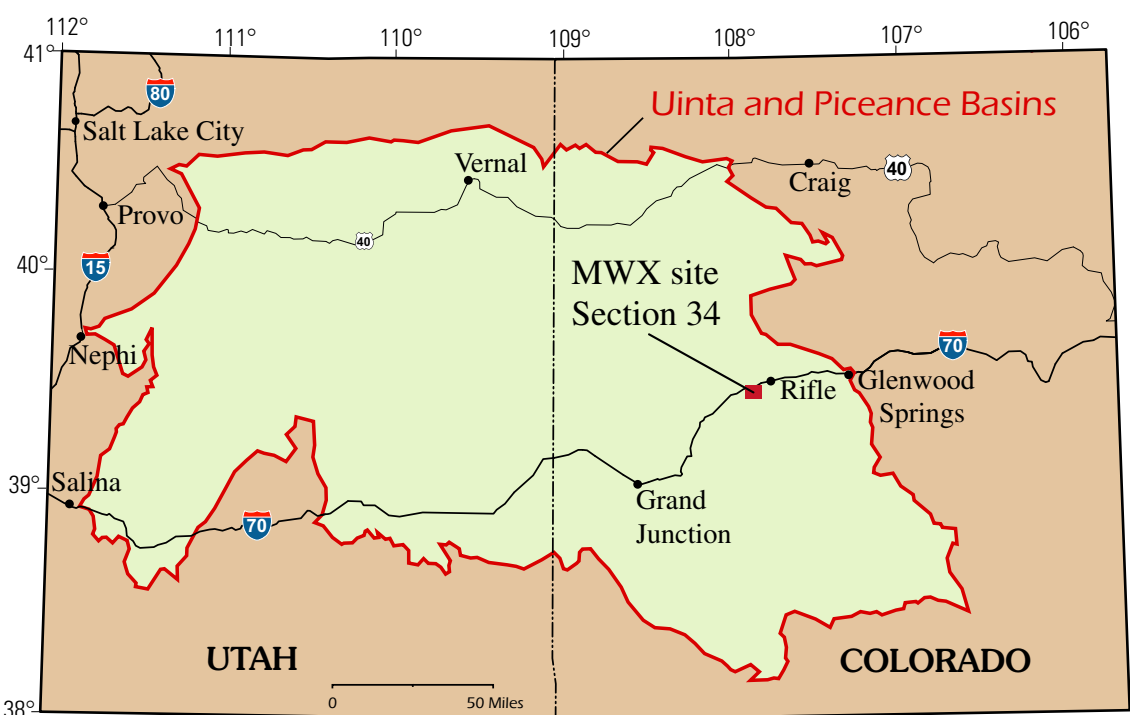


Location: Sec. 34, T. 6 S., R. 94 W., Garfield County, Colo.
Kelly bushing elevation: 5,374 feet
Depth range of paludal interval in MWX-1: 6,592 to 7,455 feet, measured depth
Completion year: 1981
Total depth: 8,350 feet

EXPLANATION

- ZONE Sandstone zone numbers
- CALI Hole diameter, in inches
GR Gamma ray activity, in API units
TPL Slowness of 1.1 GHz electromagnetic wave, in nanoseconds/meter
- ILM Resistivity from medium induction log, in ohm-meters
ILD Resistivity from deep induction log, in ohm-meters
- RHOGcore Grain density from core measurements, in grams per cubic centimeter
NPHI Thermal neutron log, in fractional porosity
RHOB Density log, in grams per cubic centimeter
- PEF Photoelectric factor, in barns per electron
DTS Slowness of acoustic shear wave, in microseconds per foot
DTC Slowness of acoustic compressional wave, in microseconds per foot
- PORcore Porosity from helium invasion of core samples, in percent
PorDen Porosity from density log, using grain density data from RHOGcore
- SWcore Water saturation from core samples, in percent
SOCore Hydrocarbon saturation from core samples, in percent
- MudWgt Mud weight, in pounds per gallon
Red Bar Cored interval
- FracLogs Natural fracture zones identified with sonic logs in cased hole
- FracCore Natural fractures identified by visual inspection of core
- Perfs Perforated intervals, bars with jigsaw patterns
- Yellow bands Sandstone intervals based upon well log deflections
Gray bands Coal intervals based upon well log deflections



[Click here to return to Chapter 15](#)

WELL LOGS AND CORE DATA FOR PALUDAL INTERVAL OF WILLIAMS FORK FORMATION FOR WELL MWX-1, GARFIELD COUNTY, COLORADO

Compiled by
P.H. Nelson and J.E. Kibler
2002